Please amend the claims as follows.

For the Examiner's convenience, a list of all claims is included below.

1. (Currently Amended) A method of producing a representation of a streaming media data at a caching proxy server, the method comprising:

transmitting a first request for the streaming media data to be delivered to the caching proxy server;

transmitting a second request for data associated with the streaming media data, the second request including an identifier which represents one of several possible types of the data associated with the streaming media data, wherein the data associated with the streaming media data have an RTP Meta-Information payload format, which includes a field header to identify a type of the data associated with the streaming media data, and a field body to include the data associated with the streaming media data;

receiving the streaming media data and storing the streaming media data on a storage device which is capable of being controlled by the caching proxy server; and

receiving the data associated with the streaming media data in a body of a packet.

2. (Canceled)

3. (Currently Amended) The method of claim [[2]] 1, wherein the field header is a standard field header including a first bit identifying type of the field header, a field name identifying the type of the data associated with the streaming media data, and a field length.

4. (Currently Amended) The method of claim [[2]] 1, wherein the field header is a compressed field header including a header type identifier, a field ID, and a field length.

5. (Currently Amended) The method of claim [[2]] 1, wherein the field header is a combination field header which includes a standard field header coupled to a compressed field header.

6. (Currently Amended) The method of claim 1, further comprising placing the streaming media data in a body of an RTP data packet.

7. (Currently Amended) A method for operating a caching proxy server comprising:

sending a first request for streaming media data to a server, the first request including a second request for data associated with the streaming media data, the second request including an identifier which represents one of several possible types of the data associated with the streaming media data, wherein the data associated with the streaming media data have an RTP Meta-Information payload format, which includes a field header to identify a type of the data associated with the streaming media data, and a field body to include the data associated with the streaming media data;

receiving a response from the server indicating support for the requested streaming media data;

informing the server to send the supported data associated with the streaming media data;

receiving the streaming media data from the server in a body of a packet;

receiving a third request from ~~the~~ a client to send streaming media data; and

sending the requested streaming media data to the client.

8. (Canceled)

9. (Currently Amended) The method of claim [[8]] 7, wherein the field header is a standard field header including a first bit identifying type of the field header, a field name identifying type of the streaming media data, and a field length.

10. (Currently Amended) The method of claim [[8]] 7, wherein the field header is a compressed field header including a header type identifier, a field ID, and a field length.

11. (Currently Amended) The method of claim [[8]] 7, wherein the field header is a combination field header which includes a standard field header coupled to a compressed field header.

12. (Currently Amended) The method of claim 7, wherein the sending the streaming media data to the client further includes appending header fields of a data packet header before sending the streaming media data to the client.

13. (Currently Amended) The method of claim 12, wherein the appending ~~comprising~~ comprises stripping of name and ID of the data packet header.

14. (Currently Amended) A method of negotiating for various types of streaming media data by ~~the~~ a server comprising:

receiving a first request for one or more types of streaming media data from a caching proxy server or a client, the first request including a second request for data associated with the streaming media data, the second request including an identifier which represents one of several possible types of the data associated with the streaming media data, wherein the data associated with the streaming media data have an RTP Meta-Information payload format, which includes a field header to identify a type of the data associated with the streaming media data, and a field body to include the data associated with the streaming media data;

determining if requested types of the streaming media data are supported by the server; and

responding to the first request with a response to indicate the capability of the server to support the second request, wherein the response is in a body of a packet.

15. (Canceled)

16. (Currently Amended) The method of claim [[15]] 14, wherein the field header is a standard field header including a first bit identifying type of the field header, a field name identifying type of the streaming media data, and a field length.

17. (Currently Amended) The method of claim [[15]] 14, wherein the field header is a compressed field header including a header type identifier, a field ID, and a field length.

18. (Currently Amended) The method of claim [[15]] 14, wherein the field header is a combination field header which includes a standard field header coupled to a compressed field header.

19. (Currently Amended) A method of negotiating for various types of streaming media data by ~~the~~ a caching proxy server comprising:

sending a first request for one or more types of related or unrelated streaming media data to a server, the first request including a second request for data associated with the streaming media data, the second request including an identifier which represents one of several possible types of the data associated with the streaming media data, wherein the data associated with the streaming media data have an RTP Meta-Information payload format, which includes a field header to identify a type of the data associated with the streaming media data, and a field body to include the data associated with the streaming media data;

receiving a response in a body of a packet to each requested type of the streaming media data; and

deciding whether to proceed or terminate negotiation process associated with the streaming media data.

20. (Canceled)

21. (Currently Amended) The method of claim [[20]] 19, wherein the field header is a standard field header including a first bit identifying type of the field header, a field name identifying type of the streaming media data, and a field length.

22. (Currently Amended) The method of claim [[20]] 19, wherein the field header is a compressed field header including a header type identifier, a field ID, and a field length.

23. (Currently Amended) The method of claim [[20]] 19, wherein the field header is a combination field header which includes a standard field header coupled to a compressed field header.

24. – 33. (Canceled)